BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/09/2021-22 Dated: 27-09-2021

APPROVED TENDER SCHEDULE –'B'

Item 01

Name of Work :- Construction of Samudhaya Bhavana and Other Civil works at Shivamandhira road in ward No 02 of Yelahanka Sub Division

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri SHANKARAPPA T K (MESPC INFRA PROJECTS PRIVATE LIMITED)	
				Rate	Rate In Words
1	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	225.17	4258.26	Four Thousand Two Hundred FiftyEight Paise TwentySix Only
2	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 5km leadcomplete as per specifications and as per the directions of the Engineer-in-charge of	Cum	150.11	58.99	FiftyEight Paise NinetyNine Only
3	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	1501.10	6.67	Six Paise SixtySeven Only
4	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	300.22	1072.34	One Thousand SeventyTwo Paise ThirtyFour Only
5	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire chargedof machines,all lead and lift charges etc., complete as per specifications. - do with OPC at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	225.17	5907.56	Five Thousand Nine Hundred Seven Paise FiftySix Only

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	RB 2-2.2 : Earthwork excavation for foundation of buildings, water pply, sanitary lines and electrical conduits either in pits or in renches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	177.47	508.44	Five Hundred Eight Paise FourtyFour Only
7	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	8.46	2750.55	Two Thousand Seven Hundred Fifty Paise FiftyFive Only
8	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	26.10	5777.40	Five Thousand Seven Hundred SeventySeven Paise Fourty Only
9	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	31.37	6033.32	Six Thousand ThirtyThree Paise ThirtyTwo Only
10	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	35.78	5204.42	Five Thousand Two Hundred Four Paise FourtyTwo Only
11	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	60.61	227.61	Two Hundred TwentySeven Paise SixtyOne Only
12	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	116.86	70.34	Seventy Paise ThirtyFour Only
13	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labourcomplete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	82.72	292.15	Two Hundred NinetyTwo Paise Fifteen Only
14	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	87.84	405.39	Four Hundred Five Paise ThirtyNine Only
15	Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	111.16	516.37	Five Hundred Sixteen Paise ThirtySeven Only

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	oviding and removing centering, shuttering, strutting, propping etc., d removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	172.17	452.95	Four Hundred FiftyTwo Paise NinetyFive Only
17	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	12.04	854.95	Eight Hundred FiftyFour Paise NinetyFive Only
18	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	84.76	330.65	Three Hundred Thirty Paise SixtyFive Only
19	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	22.25	588.84	Five Hundred EightyEight Paise EightyFour Only
20	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	11.76	365.76	Three Hundred SixtyFive Paise SeventySix Only
21	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	56.85	6581.39	Six Thousand Five Hundred EightyOne Paise ThirtyNine Only
22	KSRB 4.2.8 : Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and as per the directions of the Engineer-in-charge of the work Ground Floor	Cum	11.82	6845.24	Six Thousand Eight Hundred FourtyFive Paise TwentyFour Only
23	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and as per the directions of the Engineer-in-charge of the work Head Room	Cum	1.44	6913.18	Six Thousand Nine Hundred Thirteen Paise Eighteen Only

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	oviding and laying cement concrete using 20 mm and down size nite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25. complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	38.54	6224.69	Six Thousand Two Hundred TwentyFour Paise SixtyNine Only
25	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications and as per the directions of the Engineer-in-charge of the work Ground Floor	Sqm	9.36	561.66	Five Hundred SixtyOne Paise SixtySix Only
26	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications and as per the directions of the Engineer-in-charge of the work Head Room	Sqm	0.72	572.98	Five Hundred SeventyTwo Paise NinetyEight Only
27	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work Ground Floor	tonne	11.67	88333.57	EightyEight Thousand Three Hundred ThirtyThree Paise FiftySeven Only
28	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work Head Room	tonne	0.60	89180.59	EightyNine Thousand One Hundred Eighty Paise FiftyNine Only
29	KSRB 5-14.1: Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc.,complete as per specifications and as per the directions of the Engineer-in-charge of the work Ground Floor	Sqm	108.28	1032.73	One Thousand ThirtyTwo Paise SeventyThree Only
30	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work Head Room	Sqm	30.74	1072.36	One Thousand SeventyTwo Paise ThirtySix Only

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	oviding and constructing non-load bearing wall with solid concrete cks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc.,complete as per specifications and as per the directions of the Engineer-in-charge of the work Ground Floor	Sqm	15.21	918.36	Nine Hundred Eighteen Paise ThirtySix Only
32	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work Ground Floor	Sqm	176.64	295.55	Two Hundred NinetyFive Paise FiftyFive Only
33	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work Head Room	Sqm	37.92	309.14	Three Hundred Nine Paise Fourteen Only
34	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work Ground Floor	Sqm	182.44	231.01	Two Hundred ThirtyOne Paise One Only
35	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work Head Room	Sqm	39.26	237.80	Two Hundred ThirtySeven Paise Eighty Only
36	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	219.40	254.79	Two Hundred FiftyFour Paise SeventyNine Only
37	providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	441.10	88.33	EightyEight Paise ThirtyThree Only
38	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	221.70	101.91	One Hundred One Paise NinetyOne Only
39	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	219.40	133.62	One Hundred ThirtyThree Paise SixtyTwo Only

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	oviding and finishing external walls in two coats with waterproof ment paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer.complete as per specifications and as per the directions of the Engineer-in-charge of the work Ground Floor	Sqm	176.64	115.50	One Hundred Fifteen Paise Fifty Only
41	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer.complete as per specifications and as per the directions of the Engineer-in-charge of the workHead Room	Sqm	37.92	124.56	One Hundred TwentyFour Paise FiftySix Only
42	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	15.60	5045.89	Five Thousand FourtyFive Paise EightyNine Only
43	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	160.20	714.53	Seven Hundred Fourteen Paise FiftyThree Only
44	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900 mm. complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	159.51	2322.51	Two Thousand Three Hundred TwentyTwo Paise FiftyOne Only
45	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work	m	51.40	203.83	Two Hundred Three Paise EightyThree Only
46	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	162.24	595.63	Five Hundred NinetyFive Paise SixtyThree Only

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	ixing of door frames in an existing opening including embedding ame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour,complete as per specifications and as per the directions of the Engineer-in-charge of the work Ground Floor	Nos	1.00	1546.83	One Thousand Five Hundred FourtySix Paise EightyThree Only
48	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour,complete as per specifications and as per the directions of the Engineer-in-charge of the work Head Room	Nos	1.00	1551.36	One Thousand Five Hundred FiftyOne Paise ThirtySix Only
49	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work Ground Floor	Cum	0.23	99201.02	NinetyNine Thousand Two Hundred One Paise Two Only
50	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work Head Room	Cum	0.20	99205.55	NinetyNine Thousand Two Hundred Five Paise FiftyFive Only
51	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work Ground Floor	Sqm	3.78	5347.10	Five Thousand Three Hundred FourtySeven Paise Ten Only
52	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work Head Room	Sqm	5.04	5351.63	Five Thousand Three Hundred FiftyOne Paise SixtyThree Only
53	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	3.68	109.84	One Hundred Nine Paise EightyFour Only
54	Providing & fixing of 3 Track - 2 Panel Sliding Windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free, gaskets having isolated drainage and reinforced with Galvanized Iron profile through-out the window Frame. The outer frame having a overall size of 108 mm width X 45 mm height with reinforcement of 1 mm thickness and sash with overall size of 39 mm x 75 mm with GI reinforcement of 2 mm and mesh sash of size 30mm.Windows shall be provided with 5mm plain float glass, standard hardware and single point locking system with touch lock. Wall thickness of frame and sash shall be of 2mm -2.5mm. Maximum possible size -2419mm x 21119 mm complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	23.40	5911.02	Five Thousand Nine Hundred Eleven Paise Two Only

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	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work	Kgs	491.40	107.58	One Hundred Seven Paise FiftyEight Only
56	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications and as per the directions of the Engineer-in-charge of the work	sqm	46.80	107.58	One Hundred Seven Paise FiftyEight Only
57	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	11.20	6818.06	Six Thousand Eight Hundred Eighteen Paise Six Only
58	Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	65.00	368.02	Three Hundred SixtyEight Paise Two Only
59	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Short point upto 3m	Point	6.00	209.70	Two Hundred Nine Paise Seventy Only
60	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.Medium point above 3m - 6m	Point	6.00	288.34	Two Hundred EightyEight Paise ThirtyFour Only
61	Concealed Conduit System - Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of unction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 25mm dia, 2mm thick	Rm	40.00	55.57	FiftyFive Paise FiftySeven Only

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	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary.19/20mm dia, 2mm thick	Rm	30.00	53.47	FiftyThree Paise FourtySeven Only
63	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary.25mm dia, 2mm thick	Rm	25.00	56.62	FiftySix Paise SixtyTwo Only
64	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1 - 3 Way	Each	11.00	99.61	NinetyNine Paise SixtyOne Only
65	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 4 - 5 Way	Each	10.00	110.09	One Hundred Ten Paise Nine Only
66	Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountinh in existing gang box or in 4mm thik plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3654 . 6AMP 3/5 and Switch	No	20.00	138.40	One Hundred ThirtyEight Paise Fourty Only
67	Supplying and mounting 2 Nos, of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293	Each	30.00	157.28	One Hundred FiftySeven Paise TwentyEight Only
68	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 16Amps Combined switch and socket with indication	No	10.00	203.41	Two Hundred Three Paise FourtyOne Only
69	Electronic stepped regulator.	No	10.00	157.28	One Hundred FiftySeven Paise TwentyEight Only
70	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments 1.5sqmm	Rm	20.00	21.02	TwentyOne Paise Two Only
71	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments 2.5sqmm	Rm	10.00	33.55	ThirtyThree Paise FiftyFive Only
72	Supplying and fixing Metal Fan Box with Round Hook	Each	3.00	89.12	EightyNine Paise Twelve Only
73	Suppiying and fixing of slim box Fitting ,made out of CRCA sheet metal body with locking type holder completely wired Excluding Ballast &Flouresent Tube. 1X4' Tube light Fitting	Nos	8.00	314.55	Three Hundred Fourteen Paise FiftyFive Only
74	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system 48" sweep (1200mm)	Each	5.00	2191.37	Two Thousand One Hundred NinetyOne Paise ThirtySeven Only

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.